

Division of Water
Anchorage

MAY 21 2013

SCANNED

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2339.48.003

RECEIVED

XTO ENERGY INC

52260 Wik Road
Kenai, Alaska 99611

NPDES - Discharge Monitoring Report

Facility
East Forelands

Permit ID
AKG-31-5003

Month / Yr
Apr-13

Attachments

◆ None

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

DMR Mailing Zip Code: 99611
MAJOR
(SUBR 02)
PRODUCED WATER AND SAND
External Outfall

NAME: XTO ENERGY, INC
ADDRESS: 52260 WIK RD
KENAI, AK 99611
FACILITY: EAST FORELAND

LOCATION: 52260 WIK ROAD, KENAI AK 99611

ATTN: Ryan Tunseth, EHS Manager

(2-16)	(17-19)
AKG 31 5003	015
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MONTH	DAY	TO	YEAR	MONTH	DAY
	2013	4	1		2013	4	30
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)	

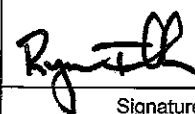
No Discharge ☐

PARAMETER (32-37)		QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		Average (54-61)	Maximum (54-61)	Units (46-53)	Minimum (38-45)	Average (46-53)	Maximum (54-61)	Units			
015 - Produced Water FLOW	Sample Measurement	0.10456572	0.126689	MGD	***	***	***	***	0	Weekly	Estimate
	Permit Requirement	***	***		***	***	***	***	***	Weekly	Estimate
015 - Produced Water PRODUCED SAND	Sample Measurement	***	***	***	No discharge	No discharge	No discharge	***	0	***	***
	Permit Requirement	***	***		No discharge	No discharge	No discharge	***	***	***	***
015 - Produced Water OIL & GREASE 03582 T	Sample Measurement	***	***	***	***	17.40	37	mg/l	0	Weekly	Grab
	Permit Requirement	***	***		***	29	42		***	Weekly	Grab
015 - Produced Water pH 00400-V	Sample Measurement	***	***	***	6.4	***	7.6	SU	0	Weekly	Grab
	Permit Requirement	***	***		6	***	9		***	Weekly	Grab
015 - Produced Water TAH 39942 P 0	Sample Measurement	***	***	***	***	17	17	mg/l	0	Monthly	Grab
	Permit Requirement	***	***		***	24	32		***	Monthly	Grab
015 - Produced Water TAqH 50259 P 0	Sample Measurement	***	***	***	***	17.281	17.281	mg/l	0	Monthly	Grab
	Permit Requirement	***	***		***	Report	Report		***	Monthly	Grab
015 - Produced Water TOTAL AMMONIA 00610 1 0	Sample Measurement	***	***	***	6.10	***	6.10	mg/l	0	Quarterly	Grab
	Permit Requirement	***	***		Report	***	Report		***	Quarterly	Grab

NAME TITLE PRINCIPAL
EXECUTIVE OFFICER

Ryan Tunseth
EHS Manager

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


Signature

Telephone

907 776-8473

Date (YR/MO/DAY)

5/19/2013

COMMENTS & EXPLANATION OF ANY VIOLATIONS: WET Testing sampling frequency is reduced to once/6 months [Section II.G.6.a - Permit # AKG-31-5000] 1st Period 2012 WET tests & Annual Rescreening [Section III.A.2.- Permit # AKG-31-5000] were taken in April - 2012, results and reports were included in the June 2012 DMR submittal. 2nd period 2012 WET tests were taken in December 2012, reports were submitted with the January 2013 DMR. Additionally, the sampling frequency for Copper, Manganese, Silver, Total Mercury, and Zinc is reduced in frequency from monthly to quarterly [Section II.G.6.a - Permit # AKG-31-5000] 2nd Quarter 2013 sample results were taken in April 2013 and are reported on this DMR.

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No Discharge ☐

PARAMETER (32-37)		QUANTITY OR LOADING (46-53) (54-61)			QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
015 - Produced Water COPPER 01119 P 0	Sample Measurement	***	***	***	5.48	5.48	5.48	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***		***	60	90		***	Quarterly	Grab
015 - Produced Water MERCURY 71900 P 0	Sample Measurement	***	***	***	0	0.00	0	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***		***	0.5	0.6		***	Quarterly	Grab
015 - Produced Water MANGANESE 11123 P 0	Sample Measurement	***	***	***	2.05	2.05	2.05	mg/l	0	Quarterly	Grab
	Permit Requirement	***	***		***	7.9	15.8		***	Quarterly	Grab
015 - Produced Water SILVER 01079 P 0	Sample Measurement	***	***	***	28.10	28.10	28.10	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***		***	46	149		***	Quarterly	Grab
015 - Produced Water ZINC 01094 P 0	Sample Measurement	***	***	***	0.03	0.03	0.03	mg/l	0	Quarterly	Grab
	Permit Requirement	***	***		***	3.1	6.1		***	Quarterly	Grab
015 - Produced Water WET - <i>Mytilus galloprovincialis</i> (invertibrate) T1000 P 0	Sample Measurement	***	***	***	***	***	***	TUc	0	Semi Annual	Grab
	Permit Requirement	***	***		***	1209	2425		***	Semi Annual	Grab
NAME TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							Telephone	Date (YR/MO/DAY)		
Ryan Tunseth EHS Manager								907 776-8473	5/19/2013		
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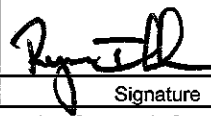
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		Average (54-51)	Maximum	Units	Minimum (38-45)	Average (46-53)	Maximum (54-61)	Units			
015 - Produced Water WET - <i>Menidia beryllina</i> (vertebrate) TT000 P 0	Sample Measurement	***	***	***	***	***	***	TUc	0	Semi Annual	Grab
	Permit Requirement	***	***		***	1209	2425		***	Semi Annual	Grab
015 - Produced Water WET - <i>Echinoderm</i> TT000 P 0	Sample Measurement	***	***	***	***	***	***	TUc	0	Semi Annual	Grab
	Permit Requirement	***	***		***	1209	2425		***	Semi Annual	Grab
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